

GPTQ/GAPA/GDOT Asphalt Committee

September 25, 2006

Meeting minutes

Meeting held at Macon Area Engineers Auditorium at 10am, September 25, 2006. Attendees listed in Appendix A.

-Old Business

Report on upcoming GPTQ 07 Breakout Sessions

Several sessions related to asphalt will be held at the GPTQ annual workshop. Draft information on the sessions was handed out and is included as Appendix C. The session titles are currently: New Equipment Task Force/Twin layer Paver, Intelligent Compaction/Warm Asphalt, Full Depth Reclamation, and Paving Georgia Roads.

Latest on New Equipment Task Force

- ***Progress Report on Equipment Evaluations from Equipment Subcommittee***

Tony Felix related the status of several Equipment evaluations that occurred in 2005 and 2006. After extensive testing the Blaw-Know Ulti-Mat Hydraulic Screed extension has recently been approved by GDOT for paving up to 20 feet wide. The CAT Extend-A-Mat 10-20B screed has been approved up to 14 feet and still in evaluation for wider pulls. The Terex/Cedarrapids CR662RM Roadmix has been approved as a MTV with the restriction that a 22 ton hopper insert be used. The standard 14 ton hopper insert did not consistently deliver mix to the paver without draining the hopper. Evaluations are ongoing with the Road-Tec MTV 1000C, but it is not approved at this time. A more detailed presentation will be made at the GPTQ conference in late November and all were encouraged to attend.

FDR Test section—James Eason

James Eason discussed a draft version of a specification for emulsion full depth reclamation (FDR) that is being worked on. He related that there may be a test section in Butts County shortly. It was noted that South Carolina placed 80 miles of FDR last year.

Latest on “Paving Georgia Roads”—Georgene Geary

The latest version of the “Georgia DOT Asphalt Pavement Selection Guidelines” was handed out and is also available on the web at :

<http://www.dot.state.ga.us/dot/construction/materials-research/index.shtml>. It was noted that the brochure has been updated and will be reprinted. Georgene also reported that in conjunction with LTAP two training sessions on “Paving Georgia Roads” will be conducted in February 2007. The sessions will be in Macon and Forest Park and will last approximately 4 hours. The audience is expected to be local governments and consultants and contractors that work for local governments. One item that was discussed was the lay down temperature for 4.75 mm mix. The

specifications require the temperature to be 55 F to place asphalt in less than a 1 inch lift. GDOT agreed to look at how other States handle this, but no changes will be made at this time. It will be an item to point out to the local governments in the LTAP training.

-New business

Several items of new business were brought up and action to be taken was discussed:

-Definition of new construction and resurfacing needs to be clearer, especially for EDS type widenings where the old pavement is retained in some areas and not in others. It was discussed that there was a previous bituminous bulletin that addressed the definitions and GDOT noted they would look for the bulletin and reissue. Follow-up Note: An FCM or bulletin was not found- GDOT will draft some clarifying language and submit to the committee for review.

-Problems with ride on urban projects, especially where utilities or tie-ins at intersections caused rideability problems and the proposal is to have an adjustment to the smoothness numbers or a percent improvement requirement in these areas. Georgene noted that she would bring this up at the next District Construction Engineers meeting to get feedback.

-A particular project was discussed that did not have milling set up in the project but the Contractor felt that the rutting warranted it and would have made for a better project. GDOT had spoken with the Maintenance Office on this issue and they noted that pavement evaluations are not necessarily performed on these jobs, and the District Maintenance Engineer determined if milling was warranted. GDOT was given the project number and will follow-up on this project to see if the issue is systematic and requires training or guidance, or if it was an isolated incident.

-It was noted that in previous discussions the issue of placing shoulders at the same cross slope as the mainline would result in quicker, more uniform projects, especially with the ability to use an extendable screed. The Materials Office is in discussion with the Design Offices on this to identify if this is a possibility.

-Several other items discussed: benefits of recycling, especially with the current cost of AC; possibility of clarifying 9.5 Type I and Type II in the Contract due to the cost difference between the two types; recent changes in the asphalt index: the cap has increased to 75% and may go higher, and the index starts on day 1 for projects that meet the length time for the index.

-Subcommittee Status

The equipment committee was discussed and members were asked for interest in being part of the committee. Updates on members are noted in Appendix B. It was noted that since the World of Asphalt, including the APA portion of that conference, will be in Atlanta in March, it will serve as Georgia's Asphalt conference this year, and there will not be a separate meeting.

-Meeting was adjourned at 11:45 am.

Upcoming conferences/Training opportunities:

SEAPUG 2006, Wilmington, N.C., November 13-16, 2006	GPTQ 2006 Workshop, Athens November 29– December 1, 2006	World of Asphalt, Atlanta March 19– 22, 2007
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Appendix A- Attendees

GPTQ/GAPA ASPHALT COMMITTEE MEETING SEPTEMBER 25, 2006

Name	Affiliation	e-mail or phone
Roger Dill	GHCA	amma@mchsi.com
Georgene Geary	GDOT	georgene.geary@dot.state.ga.us
Jimmy Camp	ERS	jcamp@ersnell.com
Wayne Marshall	Reeves	w.marshall@reevescc.com
Peter Wu	GDOT	peter.wu@dot.state.ga.us
Ronald Collins	PTI	ronaldc@pavement technology.com
Don Stewart	Stewart Bros., Inc.	dstewart@stewartbrosinc.com
David Moellering	GAPA	dmoellering@gahotmix.com 770-289-4730
Paul Messersmith	SEM Materials	pmessersmith@semgroupplp.com 770-361-7890
AJ Jubran	GDOT	Abdallah.jubran@dot.state.ga.us 404-363-7582
Kimbel Stokes	The Miller Group	kstokes@millergroup.ca 770-968-9100
Sheila Hines	GDOT	sheila.hines@dot.state.ga.us 404-363-7501
James Eason	GDOT	james.eason@dot.state.ga.us
Tony Felix	“ “	Tony.felix@dot.state.ga.us
Tony Daughtry	TEC	tdaughtry@tractor-equipment.com
Bobby G. Bragg	Dykes Grassin	Bobbyb_qct@hotmail.com
Donald Hazel	The Scruggs Co.	dhazel@scruggscompany.com
Mike Huner	Asphalt Institute	mhuner@asphaltinstitute.org
Matt Kroge	Sem Materials	
Kevin McGlumphy	Sem Materials LP	KMcglumphy@semgroupplp.com

Appendix B - Subcommittees

Technical

*Jimmy Camp	*Peter Wu
Wayne Marshall	Sheila Hines
Gene Googe	James Eason
Ronald Collins	
Jerry Reese	
Lee Moore	

Equipment

*Kim Stokes	*Tony Felix
Tony Daughtry	Sheila Hines
Ronald Collins	Georgene Geary
Wayne Marshall	
Donald Hazel	
Buddy Brand	
Roger Dill	

Seminar/Workshop

*Roger Dill	*Georgene Geary
Gary Rohrer	Peter Wu
Joe Street	Sheila Hines
Tony Daughtry	
Ronald Collins	
Gerald Strickland	

***Denotes vice-chairs**

Joint Training

Wayne Marshall	Tony Felix (Wksp and QCT II)
Lee Moore	Rick Douds (QCT I)


Appendix C - GPTQ 2006 Asphalt Sessions

Thursday Nov. 30, 1:15 – 2:15pm 
NEW EQUIPMENT TASK FORCE/ TWIN-LAYER SCREED

Several years ago, GDOT and industry created a New Equipment Task Force to jointly evaluate new equipment for construction purposes. The Task Force procedures and a summary of some of the previous evaluations will be discussed in this session, along with a look at a twin-layer screed that was used on NCAT's experimental test track this past summer.

Moderator- Steve Swan, Plant Improvement Company


Speakers –Peter Wu and Tony Felix, GDOT



Thursday Nov. 30, 2:30 – 3:30pm 
INTELLIGENT COMPACTION & WARM ASPHALT

Rolling patterns on the fly and more energy efficient asphalt- no it's not science fiction, it is some new technologies that will be tested in Georgia. NCAT and FHWA will provide a glimpse into the future in describing these upcoming initiatives.

Moderator – Peter Wu, GDOT

Speaker – Brian Prowell, NCAT and Tom Harmon, FHWA

Thursday Nov. 30, 3:45 – 4:45pm 
FULL DEPTH RECLAMATION
Innovative solutions for pavement rehabilitation.
Moderator – Roger Dill
Speaker – Kim Stokes, Miller Group

Friday Dec 1, 8:30-9:25am  
PAVING GEORGIA ROADS
There are 86,000 miles of paved roads in Georgia, of which 18,000 miles of these are State Routes. That means that County and City governments are responsible for 80% of the paved surfaces in Georgia. Recognizing this, Georgia DOT has developed the Georgia Resurfacing Guidelines to assist local governments in selecting the most economical, appropriate resurfacing types. This session will outline the development and future directions of this endeavor, along with an overview of the guidelines.
Moderator – TBD
Speakers – Georgene Geary and Sheila Hines, GDOT